

IN THE CLAIMS

1. (Original) A vehicle glazing panel comprising a radiation-reflective coating layer and at least a window in the coating layer, permeable to electromagnetic radiations, adapted to have at least an inside antenna mounted behind it, characterised in that the size and design of the window permeable to electromagnetic radiations increase the transmission ratio at 0° between said inside antenna and a base station outside the vehicle.

2 – 18. (Cancelled)

19. (New) A vehicle glazing panel in accordance with Claim 1, characterised in that, when considering a circularly polarised electromagnetic wave of 5.8 GHz, the size and design of the window permeable to electromagnetic radiations:

(a) increase the transmission increase the transmission ratio at 0° between the inside antenna and the base station by at least 2dB; or

(b) increase the transmission ratio at 0° between the inside antenna and the base station by at least 5 dB; or

(c) do not decrease the transmission ratio at +35° or -35° between the inside antenna and the base station.

20. (New) A vehicle glazing panel in accordance with Claim 19, characterised in that it includes feature (c) and one of features (a) or (b).

21. (New) A vehicle glazing panel in accordance with Claim 1, characterised in that the distance between the position at which the inside antenna is adapted to be mounted and the glazing panel is at most $2D^2/\lambda$, where D is the largest dimension of the inside antenna and λ the wavelength to which the antenna is devoted.

22. (New) A vehicle glazing panel in accordance with Claim 19, characterised in that the distance between the position at which the inside antenna is adapted to be mounted and the glazing panel is at most $2D^2/\lambda$, where D is the largest dimension of the inside antenna and λ the wavelength to which the antenna is devoted.

23. (New) A vehicle glazing panel in accordance with Claim 1, characterised in that the window permeable to electromagnetic radiations has a size

(a) such that at least a square of $1.064\lambda \times 1.064\lambda$ may be inscribed in it, wherein λ is the wavelength to which the antenna is devoted, or

(b) such that at least a square of $5.5 \times 5.5 \text{ cm}^2$ may be inscribed in it.

24. (New) A vehicle glazing panel in accordance with Claim 1, characterised in that the window permeable to electromagnetic radiations is

(a) a substantially circular zone having an area of at least $0.735\lambda^2$, wherein λ is the wavelength to which the antenna is devoted, or

(b) is a substantially circular zone having an area of at least 19.5 cm^2 , or

(c) a disk with a diameter of at least 7 cm.

25. (New) A vehicle glazing panel in accordance with Claim 1, characterised in that the window permeable to electromagnetic radiations is

(a) a zone wherein no coating layer is present, or

(b) a zone wherein the coating layer is absent from a pattern of dots arranged linearly, or

(c) a zone wherein the coating layer is absent from a pattern of dots arranged in alternate rows, or

(d) a zone wherein the coating layer is absent from dots each having a diameter of at least 0.116λ , wherein λ is the wavelength to which the antenna is devoted, or

(e) a zone wherein the coating layer is absent from dots each having a diameter of at least 5 mm, or

(f) a zone wherein the coating layer is absent from dots each having a diameter between 5 and 7 mm, or

(g) a zone comprising at least 50 dots wherein the coating layer is absent; or

(h) a zone comprising at least 64 dots wherein the coating layer is absent.

26. (New) A vehicle glazing panel in accordance with Claim 1, which is electrically heatable.

27. (New) A vehicle glazing panel in accordance with Claim 19, which is electrically heatable.

28. (New) A vehicle glazing panel in accordance with Claim 21, which is electrically heatable.

29. (New) A vehicle glazing panel in accordance with Claim 23, which is electrically heatable.

30. (New) A vehicle glazing panel in accordance with Claim 24, which is electrically heatable.

31. (New) A vehicle glazing panel in accordance with Claim 25, which is electrically heatable.